

F1
CONT.

probe corresponding to a nucleotide fragment from *H. pylori* which has been amplified using two oligonucleotides having the following sequences:

OLF1bA-1: ATGCCTCGAGGTCGAAAAGCAAGATG (SEQ ID NO:1).

OLF1bA-2: GAAATCTTCATACTGGCAGCTCCAGTC (SEQ ID NO:2),

or able to hybridize, under conditions of high stringency, with these oligonucleotides.

Replace the paragraph beginning at Page 3, line 8 with:

Such a sequence can be obtained by the steps of:

F2

- screening a genomic library containing the chromosomal DNA of an *H. pylori* strain with a probe corresponding to a nucleotide fragment from *H. pylori* which has been amplified using two oligonucleotides having the following sequences:

OLF1bA-1: ATGCCTCGAGGTCGAAAAGCAAGATG (SEQ ID NO:1).

OLF1bA-2: GAAATCTTCATACTGGCAGCTCCAGTC (SEQ ID NO:2),

or able to hybridize, under conditions of high stringency, with these oligonucleotides,

- recovering the DNA sequences, which hybridize with said probe,
- subcloning the DNA sequences, which have been obtained in an appropriate vector of the plasmid type and selecting those modified vectors, which hybridize under conditions of high stringency with the probe corresponding to the DNA fragment from *H. pylori* which has been amplified using oligonucleotides OLF1bA-1 and OLF1bA-2,
- sequencing the DNA fragments contained in the plasmid vectors which hybridize with the above mentioned probe, and determining the open reading frame contained in these fragments.

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